

IN THE CLAIMS:

1. (Canceled)

2. (Currently amended) An emissive iridium (III) complex according to claim 1 suitable for use in an emissive layer of an OLED, having the formula:



wherein A is a group $L'-R-L''$ in which R is a divalent hydrocarbon radical, and L' , L'' , L_1 , L_2 , L_3 and L_4 , which may be the same or different, are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the iridium atom, wherein L_1 , L_2 , L_3 and L_4 are the same and not the same as L' or L'' .

3. (Canceled)

4. (Canceled)

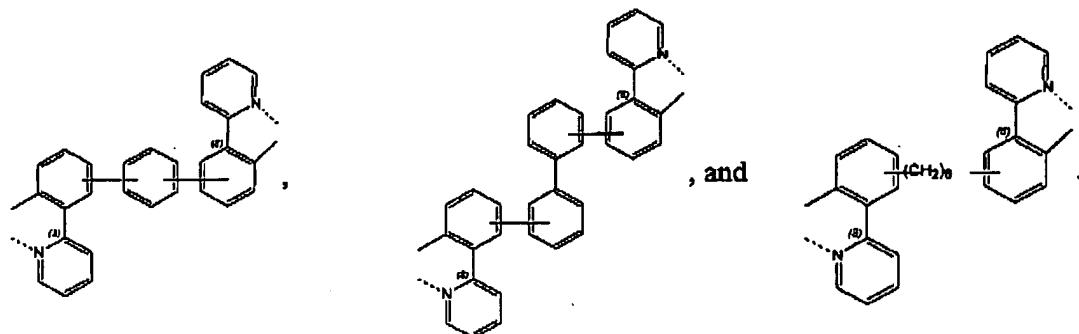
5. (Canceled)

6. (Currently amended) The iridium (III) complex of claim 2, An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the formula:



wherein L_1 , L_2 , L_3 and L_4 , which may be the same or different, are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a

nitrogen atom complexed to the iridium atom, and wherein A is selected from the group consisting of:



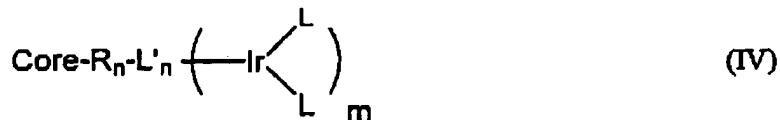
7. (Currently amended) An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer comprises the emissive iridium (III) complex of any of claims 1 to 6 claim 2 or claim 6.

8. (Original) The organic light emitting device of claim 7, wherein said complex is doped in a host material in said emissive layer.

9. (Original) The organic light emitting device of claim 7, wherein said complex is not doped in a host material.

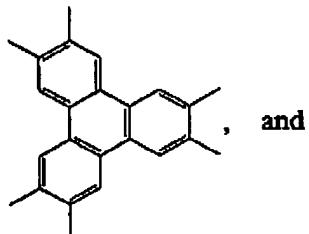
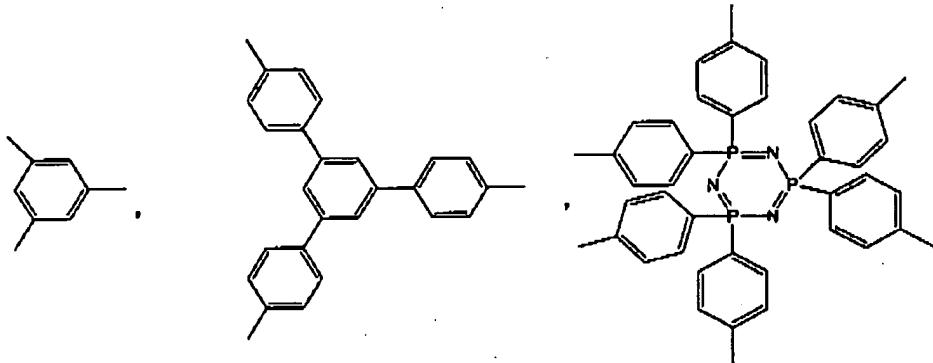
10. (Original) The organic light emitting device of claim 7, having a theoretical efficiency greater than 25 percent.

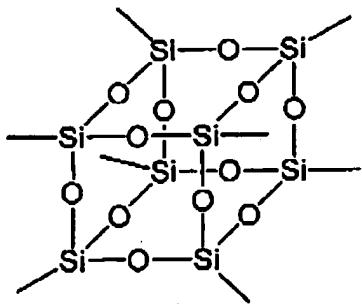
11. (Currently amended) An emissive iridium(III) complex according to claim 1 suitable for use in an emissive layer of an OLED, having the structure



where core is an m-valent radical;

wherein each Rn is a divalent hydrocarbon radical, L'n is a ligand having a carbon covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and each ligand L, which may be the same or different, has a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and wherein Core is an m-valent radical selected from the group consisting of:





12. (Cancelled)

13. (Currently amended) An organic light emitting device comprising an anode, a cathode, an electron transport layer, a hole transport layer, and an electron transport/hole blocking layer, and an emissive layer comprising an iridium (III) complex according to claim 11 or 12.

14. (Original) The organic light emitting device of claim 13 having a theoretical device efficiency greater than 25 percent.